

CLAIM SET AS AMENDED

1. (currently amended) A multi-display projector system comprising:

a plurality of projectors, each projector comprising:

an input pattern memory for storing input format parameters that specify a number of active pixels, a number of active lines, an initial active pixel, and an active initial line of input image signals having different formats, said input format parameters being stored for each of said different formats;

a frame memory for storing active image signals extracted from said input image signals based on said input format parameters;

a display pattern memory for storing display parameters, which designate a region of an image to be displayed; and

a display unit that displays said region of the image by processing said active image signals stored in said frame memory based on said display parameters.

2. (previously presented) A multi-display projector claimed in claim 1, wherein said display parameters further include a horizontal offset and a vertical offset that designate an amount of displacement of a display position when the display position of the image is displaced horizontally and vertically; and

wherein the position of a display image in the display unit is

adjusted by changing values of said horizontal offset and said vertical offset.

3. (previously presented) A multi-display projector claimed in claim 1, further comprising:

an A/D converter for converting analog image signals to digital image signals, wherein the input pattern memory stores parameters of said A/D converter based on which the analog image signals are converted to said digital image signals.

4. (original) A multi-display system comprising:

a plurality of multi-display projectors as claimed in claim 1, said multi-display projectors being arranged in both horizontal and vertical direction; and

controlling means for controlling the operation of each of said multi-display projectors.

5. (currently amended) A method of projecting an image in a multi-display projector system, each projector performing the steps of:

detecting input format parameters from input image signals, which have different formats;

storing the input format parameters in an input format memory, the input format parameters specifying a number of active pixels, a

number of active lines, an initial active pixel, and an active initial line of the input image signals, the input format parameters being stored for each of the different formats of the input image signals;

storing active image signals that are extracted from the input image signals, the active image signals being stored in a frame memory on the basis of the input format parameters;

storing display parameters in a display pattern memory, the display parameters designating a region of an image that is to be displayed; and

displaying the region of the image by processing the active image signals stored in the frame memory on the basis of the display parameters.

6. (previously presented) A multi-display system comprising:

a plurality of projectors for displaying an image or a portion of an image, the plurality of projectors being arranged adjacent to one another, wherein each of the plurality of projectors includes:

an input format detector for detecting input format parameters from input image signals that have different formats;

an input format memory for storing the detected input format parameters, the input format parameters specifying a number of active pixels, a number of active lines, an initial active pixel, and an active initial line of the input image signals, the input

format parameters being stored for each of the different formats of the input image signals;

a frame memory for storing active image signals that are extracted from the input image signals, the active image signals being stored in a frame memory on the basis of the input format parameters;

a display pattern memory for storing display parameters, which designate a region of an image that is to be displayed on the basis of a display adjusting signal; and

a display unit for displaying the region of the image by processing the active image signals stored in the frame memory on the basis of the display parameters.

7. (previously presented) The multi-display system according to claim 6, further comprising a controller for providing the display pattern memory with the display adjusting signal in order to designate the region of the image that is to be displayed.